



# PL-S

# 5PL-S/LED/13H/827/IF5/P/2P 20/1

Philips LED PL-S lamps make the transition to LED from CFL lamps as simple as replacing a lamp. The InstantFit (UL Type A) 2-pin PL-S LED lamps are available in a wide array of color temperatures. They quickly and effectively replace 13W 2-pin compact fluorescent PL-S lamps.

### **Product data**

General Information				
Cap-Base	GX23			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	827 [CCT of 2700K]			
Beam Angle (Nom)	120 degree(s)			
Luminous Flux	520 lm			
Color Designation	Warm White (WW)			
Correlated Color Temperature (Nom)	2700 K			
Luminous Efficacy (rated) (Nom)	104.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	82			
LLMF At End Of Nominal Lifetime (Nom)	70 %			
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	5 W			

50 mA

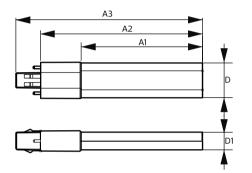
Lamp Current (Min)	15 mA			
Wattage Equivalent	13 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
UL Type	UL Type A			
Temperature				
Ambient temperature range	-4 °F to 113 °F			
T-Case Maximum (Nom)	167 °F			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	6-3/4 inch			
Bulb Shape	PL-S			
Approval and Application				
Energy Saving Product	Yes			
-				

Lamp Current (Max)

Approval Marks	UL certificate RoHS compliance		
Energy Consumption kWh/1000 h	– kWh		
Application Conditions			
can it be used in closed luminaires	Yes		
Product Data			
Order product name	5PL-S/LED/13H/827/IF5/P/2P 20/1		
Full product name	5PL-S/LED/13H/827/IF5/P/2P 20/1		

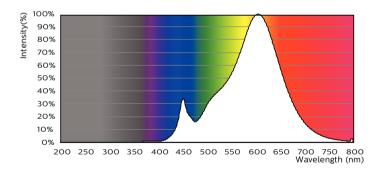
Order code	529511			
Material Nr. (12NC)	929001862804			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677529512			
Numerator - Packs per outer box	20			
EAN/UPC - Case	50046677529517			

# **Dimensional drawing**

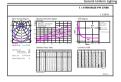


5PL-  1-1/4 inch  5/8 inch  4-1/4 inch  5-11/16 inch  6-9/16 inch    S/LED/13H/827/IF5/P/2P  20/1	Product	D	D1	A1	A2	A3
	5PL-	1-1/4 inch	5/8 inch	4-1/4 inch	5-11/16 inch	6-9/16 inch
20/1	S/LED/13H/827/IF5/P/2P					
	20/1					

### Photometric data

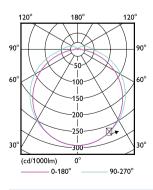


Spectral Power Distribution Colour - 5PL-S/LED/13H/827/IF5/P/2P 20/1



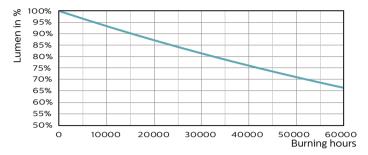
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General uniform lighting - 5PL-S/LED/13H/827/IF5/P/2P 20/1

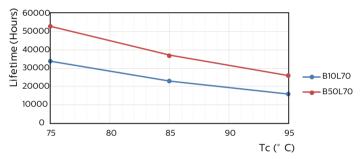


Light Distribution Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1

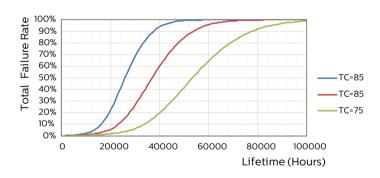
## Lifetime



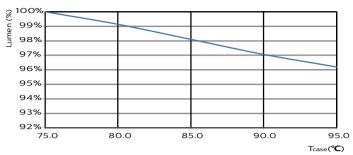
Lumen Maintenance Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1



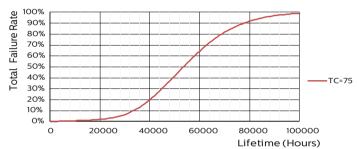
Life Expectancy Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1



Lumen Maintenance Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1

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